

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2007/02/26 10:08
L2	180	(607/45).CCLS.	USPAT; USOCR	OR	OFF	2007/02/26 10:08
S1	1	"20040133248"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/07 09:58
S2	67	("20020013614" "3522811" "3850161" "3863625" "3967616" "3993046" "4019518" "4038536" "4295474" "4373527" "4417592" "4566464" "4581758" "4610259" "4702254" "4944299" "5269303" "5299569" "5311869" "5311876" "5335657" "5487754" "5626145" "5683422" "5713922" "5713923" "5716377" "5720770" "5743860" "5752976" "5792186" "5978702" "5995868" "6016449" "6018682" "6066163" "6083248" "6094598" "6117066" "6128537" "6128538" "6134474" "6200265" "6224549" "6227203" "6230049" "6337997" "6341236" "6353754" "6356784" "6360122" "6366813" "6374140" "6427086" "6459936" "6466822" "6473639" "6480743" "6560486" "6591138" "6597954" "6647296" "4825870" "4967746" "4974589" "6016449" "6366813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 11:10
S3	51	("5195517" "4556069" "4883649" "4883666" "5234956" "5256533" "5508271" "5520614" "5529898" "5587167" "5632276" "5716941" "5801197" "5873823" "6274607" "6277974" "6284794" "6288089" "6288123" "6291510" "6294551" "6306403" "6309879" "6313159" "6331537" "6351674" "6362009" "6366813" "6366814" "6372736" "6413977" "6417189" "6420526" "6448270" "6475753" "6819956" "7008952" "6132218" "4812447" "4316454" "4507322" "4569929" "4576966" "4806537" "4808594" "4831033" "4874694" "4906637" "4939124" "5025018").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 11:39
S5	1	"4692147".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 11:10

## EAST Search History

S6	1	"6205359".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 11:39
S7	9	(US-4692147-\$ or US-5195517-\$ or US-7008952-\$ or US-6819956-\$ or US-6366814-\$ or US-6366813-\$ or US-6351674-\$ or US-6205359-\$ or US-4883666-\$).did.	USPAT	OR	ON	2006/04/05 14:08
S8	0	S7 and (blank blanked blanking)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:08
S9	0	S7 and (blanking isolate isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:08
S10	4	S7 and artifact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:10
S11	1	S7 and (saturate saturated)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:10
S12	2	S7 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:11
S13	5	S7 and seizure	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:12
S14	0	S7 and cluster	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:12
S15	160	(607/45).CCLS.	USPAT; USOCR	OR	OFF	2006/04/05 14:53

## EAST Search History

S16	67	("20020013614" "3522811" "3850161" "3863625" "3967616" "3993046" "4019518" "4038536" "4295474" "4373527" "4417592" "4566464" "4581758" "4610259" "4702254" "4944299" "5269303" "5299569" "5311869" "5311876" "5335657" "5487754" "5626145" "5683422" "5713922" "5713923" "5716377" "5720770" "5743860" "5752976" "5792186" "5978702" "5995868" "6016449" "6018682" "6066163" "6083248" "6094598" "6117066" "6128537" "6128538" "6134474" "6200265" "6224549" "6227203" "6230049" "6337997" "6341236" "6353754" "6356784" "6360122" "6366813" "6374140" "6427086" "6459936" "6466822" "6473639" "6480743" "6560486" "6591138" "6597954" "6647296" "4825870" "4967746" "4974589" "6016449" "6366813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:53
S18	136	S15 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/05 14:54
S19	12	("4628942"   "4649936"   "4702254"   "4867164"   "5025807"   "5052388"   "5330508"   "5562711"   "5713923"   "5928272"   "5995868"   "6073048").PN. OR ("6961618").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 16:07
S20	12	("4628942"   "4649936"   "4702254"   "4867164"   "5025807"   "5052388"   "5330508"   "5562711"   "5713923"   "5928272"   "5995868"   "6073048").PN. OR ("6961618").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:25
S22	126	detection adj cluster	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:30
S23	15	S22 and seizure	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:32
S24	14	S22 and seizure and (blank blanked blanking)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:30
S25	1	S23 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:35
S26	4	("6587727" "6671556" "6920357" "6961618").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 13:35

## EAST Search History

S28	1	"6016449".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/07 09:58
S29	6	(US-6591138-\$ or US-6647296-\$ or US-6459936-\$ or US-6134474-\$ or US-6128538-\$ or US-6016449-\$).did.	USPAT	OR	ON	2006/04/07 10:17
S30	5	S29 and (blank blanked blanking)	USPAT	OR	ON	2006/04/07 10:41
S31	1	S29 not S30	USPAT	OR	ON	2006/04/07 10:17
S32	0	S29 and (flat near line)	USPAT	OR	ON	2006/04/07 10:41
S33	0	S29 and (saturate saturated)	USPAT	OR	ON	2006/04/07 10:41
S34	0	S29 and (impedance impedence)	USPAT	OR	ON	2006/04/07 10:42
S35	160	(607/45).CCLS.	USPAT; USOCR	OR	OFF	2006/04/17 11:17
S36	307	(607/45).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 11:17
S37	147	S36 not S35	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/17 11:17
S38	50	(US-20030083716-\$ or US-20020177882-\$).did. or (US-6597954-\$ or US-6591138-\$ or US-6466822-\$ or US-6647296-\$ or US-6366813-\$ or US-6480743-\$ or US-6459936-\$ or US-6356784-\$ or US-6134474-\$ or US-6128538-\$ or US-6341236-\$ or US-6227203-\$ or US-5995868-\$ or US-5716377-\$ or US-6016449-\$ or US-5713923-\$ or US-5299569-\$ or US-4702254-\$ or US-5311876-\$ or US-4566464-\$ or US-4417592-\$ or US-4967746-\$ or US-3850161-\$ or US-4692147-\$ or US-7008952-\$ or US-6819956-\$).did. or (US-6366814-\$ or US-6351674-\$ or US-5195517-\$ or US-6205359-\$ or US-4883666-\$ or US-6961618-\$ or US-6950707-\$ or US-6934580-\$ or US-6922590-\$ or US-6879859-\$ or US-6782292-\$ or US-6760626-\$ or US-6690974-\$ or US-6671556-\$ or US-6615085-\$ or US-6609030-\$ or US-6587727-\$ or US-6356788-\$ or US-6269270-\$ or US-6161044-\$ or US-6014587-\$ or US-5025807-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/17 13:29
S40	3	S38 and (first same second same equal)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:33

## EAST Search History

S41	0	S38 and (blanking same equal)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:33
S42	0	S38 and (blank\$3 same equal)	US-PGPUB; USPAT	OR	ON	2006/04/17 13:33
S43	1	("6016449").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 17:18
S44	0	S43 and artifact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 17:18
S45	1	S43 and (artifact noise misinterpret interpret false)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 17:18
S46	1	("6016449").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/21 09:59
S47	1	S46 and (artifact noise misinterpret interpret false)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 10:00
S48	6	(US-6591138-\$ or US-6647296-\$ or US-6459936-\$ or US-6134474-\$ or US-6128538-\$ or US-6016449-\$).did.	USPAT	OR	ON	2006/09/21 09:59
S49	0	S48 and (impedance impedence)	USPAT	OR	ON	2006/09/21 09:59
S50	147	detection adj cluster	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 09:59
S51	19	S50 and seizure and (blank blanked blanking)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 10:01

## EAST Search History

S52	50	(US-20030083716-\$ or US-20020177882-\$).did. or (US-5299569-\$ or US-4566464-\$ or US-5311876-\$ or US-5713923-\$ or US-5716377-\$ or US-6879859-\$ or US-5995868-\$ or US-6016449-\$ or US-6671556-\$ or US-6128538-\$ or US-6134474-\$ or US-6356784-\$ or US-6227203-\$ or US-6341236-\$ or US-6366813-\$ or US-6760626-\$ or US-6459936-\$ or US-6466822-\$ or US-6597954-\$ or US-6647296-\$ or US-6480743-\$ or US-6591138-\$ or US-6014587-\$ or US-7008952-\$ or US-4692147-\$ or US-6609030-\$).did. or (US-5195517-\$ or US-6782292-\$ or US-6587727-\$ or US-6922590-\$ or US-6356788-\$ or US-6269270-\$ or US-6615085-\$ or US-6934580-\$ or US-4702254-\$ or US-6351674-\$ or US-6819956-\$ or US-6366814-\$ or US-6950707-\$ or US-6690974-\$ or US-6961618-\$ or US-6161044-\$ or US-3850161-\$ or US-4967746-\$ or US-4883666-\$ or US-5025807-\$ or US-6205359-\$ or US-4417592-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/21 10:00
S53	32	S52 and (artifact noise misinterpret interpret false)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 10:26
S54	10	S53 and (blank blanked blanking)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 10:01
S55	1	"20040133248"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:31
S56	169	(607/45).CCLS.	USPAT; USOCR	OR	OFF	2006/09/21 12:31

## EAST Search History

S57	67	("20020013614" "3522811" "3850161" "3863625" "3967616" "3993046" "4019518" "4038536" "4295474" "4373527" "4417592" "4566464" "4581758" "4610259" "4702254" "4944299" "5269303" "5299569" "5311869" "5311876" "5335657" "5487754" "5626145" "5683422" "5713922" "5713923" "5716377" "5720770" "5743860" "5752976" "5792186" "5978702" "5995868" "6016449" "6018682" "6066163" "6083248" "6094598" "6117066" "6128537" "6128538" "6134474" "6200265" "6224549" "6227203" "6230049" "6337997" "6341236" "6353754" "6356784" "6360122" "6366813" "6374140" "6427086" "6459936" "6466822" "6473639" "6480743" "6560486" "6591138" "6597954" "6647296" "4825870" "4967746" "4974589" "6016449" "6366813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:31
S58	1	"4692147".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:31
S59	51	("5195517" "4556069" "4883649" "4883666" "5234956" "5256533" "5508271" "5520614" "5529898" "5587167" "5632276" "5716941" "5801197" "5873823" "6274607" "6277974" "6284794" "6288089" "6288123" "6291510" "6294551" "6306403" "6309879" "6313159" "6331537" "6351674" "6362009" "6366813" "6366814" "6372736" "6413977" "6417189" "6420526" "6448270" "6475753" "6819956" "7008952" "6132218" "4812447" "4316454" "4507322" "4569929" "4576966" "4806537" "4808594" "4831033" "4874694" "4906637" "4939124" "5025018").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:31
S60	8	(US-4692147-\$ or US-5195517-\$ or US-7008952-\$ or US-6819956-\$ or US-6366814-\$ or US-6366813-\$ or US-6351674-\$ or US-6205359-\$ or US-4883666-\$).did.	USPAT	OR	ON	2006/09/21 12:31

## EAST Search History

S61	67	("20020013614" "3522811" "3850161" "3863625" "3967616" "3993046" "4019518" "4038536" "4295474" "4373527" "4417592" "4566464" "4581758" "4610259" "4702254" "4944299" "5269303" "5299569" "5311869" "5311876" "5335657" "5487754" "5626145" "5683422" "5713922" "5713923" "5716377" "5720770" "5743860" "5752976" "5792186" "5978702" "5995868" "6016449" "6018682" "6066163" "6083248" "6094598" "6117066" "6128537" "6128538" "6134474" "6200265" "6224549" "6227203" "6230049" "6337997" "6341236" "6353754" "6356784" "6360122" "6366813" "6374140" "6427086" "6459936" "6466822" "6473639" "6480743" "6560486" "6591138" "6597954" "6647296" "4825870" "4967746" "4974589" "6016449" "6366813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:31
S62	0	S60 and (blank blanked blanking)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:32
S63	0	S60 and (blanking isolate isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:32
S64	4	S60 and artifact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:32



## EAST Search History

S65	49	(US-20030083716-\$ or US-20020177882-\$).did. or (US-6597954-\$ or US-6591138-\$ or US-6466822-\$ or US-6647296-\$ or US-6366813-\$ or US-6480743-\$ or US-6459936-\$ or US-6356784-\$ or US-6134474-\$ or US-6128538-\$ or US-6341236-\$ or US-6227203-\$ or US-5995868-\$ or US-5716377-\$ or US-6016449-\$ or US-5713923-\$ or US-5299569-\$ or US-4702254-\$ or US-5311876-\$ or US-4566464-\$ or US-4417592-\$ or US-4967746-\$ or US-3850161-\$ or US-4692147-\$ or US-7008952-\$ or US-6819956-\$).did. or (US-6366814-\$ or US-6351674-\$ or US-5195517-\$ or US-6205359-\$ or US-4883666-\$ or US-6961618-\$ or US-6950707-\$ or US-6934580-\$ or US-6922590-\$ or US-6879859-\$ or US-6782292-\$ or US-6760626-\$ or US-6690974-\$ or US-6671556-\$ or US-6615085-\$ or US-6609030-\$ or US-6587727-\$ or US-6356788-\$ or US-6269270-\$ or US-6161044-\$ or US-6014587-\$ or US-5025807-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/21 12:32
S66	0	S65 and (blanking same equal)	US-PGPUB; USPAT	OR	ON	2006/09/21 12:32
S67	3	S65 and (first same second same equal)	US-PGPUB; USPAT	OR	ON	2006/09/21 12:32

## EAST Search History

S68	50	(US-20030083716-\$ or US-20020177882-\$).did. or (US-5299569-\$ or US-4566464-\$ or US-5311876-\$ or US-5713923-\$ or US-5716377-\$ or US-6879859-\$ or US-5995868-\$ or US-6016449-\$ or US-6671556-\$ or US-6128538-\$ or US-6134474-\$ or US-6356784-\$ or US-6227203-\$ or US-6341236-\$ or US-6366813-\$ or US-6760626-\$ or US-6459936-\$ or US-6466822-\$ or US-6597954-\$ or US-6647296-\$ or US-6480743-\$ or US-6591138-\$ or US-6014587-\$ or US-7008952-\$ or US-4692147-\$ or US-6609030-\$).did. or (US-5195517-\$ or US-6782292-\$ or US-6587727-\$ or US-6922590-\$ or US-6356788-\$ or US-6269270-\$ or US-6615085-\$ or US-6934580-\$ or US-4702254-\$ or US-6351674-\$ or US-6819956-\$ or US-6366814-\$ or US-6950707-\$ or US-6690974-\$ or US-6961618-\$ or US-6161044-\$ or US-3850161-\$ or US-4967746-\$ or US-4883666-\$ or US-5025807-\$ or US-6205359-\$ or US-4417592-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/21 12:32
S69	32	S68 and (artifact noise misinterpret interpret false)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:38
S70	10	S69 and (blank blanked blanking)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 12:33
S71	22	S69 not S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 12:34
S72	0	S56 not S56	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 12:34
S73	169	(607/45).CCLS.	USPAT; USOCR	OR	OFF	2006/09/21 12:34
S74	185	S68 S73	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 12:39
S75	12	S74 and (artifact near3 (detect\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/21 13:18

## EAST Search History

S76	115279	(nerve nervous stimulation blank blanking blanked artifact grid ratio).clm.	US-PGPUB	OR	ON	2006/09/21 13:19
S77	0	(nerve nervous stimulation blank blanking blanked artifact grid ratio).clm.	US-PGPUB	AND	ON	2006/09/21 13:21
S78	0	((nerve or nervous) stimulation (blank or blanking or blanked) artifact grid ratio).clm.	US-PGPUB	AND	ON	2006/09/21 13:22
S79	0	((nerve or nervous) stimulation (blank or blanking or blanked) artifact grid ratio).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 13:22
S80	0	((nerve or nervous) (blank or blanking or blanked) artifact grid ratio).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 13:22
S81	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 13:23
S82	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/09/21 13:23
S83	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	WITH	ON	2006/09/21 13:23
S84	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/09/21 13:23
S85	0	((nerve or nervous) (blank or blanking or blanked) artifact grid).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 13:23
S86	1	("4692147").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/13 15:02
S87	0	S86 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/13 15:03
S88	0	S86 and pulse and (noise artifact)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/13 15:03